107.77

Measurements recorded on:- 14/11/2019

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	10.00	20.00		1	10.00	10.00	10.00	10.00	0.05	5.00	
	20.00	30.00		1	10.00	10.00	9.60	9.80	0.05	4.90	
	30.00	40.00		1	10.00	9.60	9.40	9.50	0.05	4.75	
	40.00	50.00		1	10.00	9.40	9.50	9.45	0.05	4.73	
	50.00	60.00		1	10.00	9.50	9.10	9.30	0.05	4.65	
	60.00	70.00		1	10.00	9.10	8.90	9.00	0.05	4.50	
	70.00	80.00		1	10.00	8.90	9.40	9.15	0.05	4.58	
	80.00	90.00		1	10.00	9.40	10.40	9.90	0.05	4.95	
	90.00	100.00		1	10.00	10.40	7.10	8.75	0.05	4.38	
	100.00	110.00		1	10.00	7.10	7.40	7.25	0.05	3.63	
	110.00	120.00		1	10.00	7.40	7.60	7.50	0.05	3.75	
	120.00	130.00		1	10.00	7.60	7.70	7.65	0.05	3.83	
	130.00	140.00		1	10.00	7.70	8.50	8.10	0.05	4.05	
	140.00	150.00		1	10.00	8.50	8.90	8.70	0.05	4.35	
	150.00	160.00		1	10.00	8.90	9.30	9.10	0.05	4.55	
	160.00	170.00		1	10.00	9.30	9.30	9.30	0.05	4.65	
	170.00	180.00		1	10.00	9.30	8.90	9.10	0.05	4.55	
	180.00	190.00		1	10.00	8.90	9.30	9.10	0.05	4.55	
	190.00	200.00		1	10.00	9.30	10.20	9.75	0.05	4.88	
	200.00	210.00		1	10.00	10.20	9.20	9.70	0.05	4.85	
	210.00	220.00		1	10.00	9.20	8.30	8.75	0.05	4.38	
	Cross Road										
	0.00	15.00	0.00	1	15.00	4.60	4.40	4.50	0.05	3.38	
	15.00	30.00	0.00	1	15.00	4.40	4.00	4.20	0.05	3.15	
	30.00	45.00	0.00	1	15.00	4.00	4.00	4.00	0.05	3.00	
	45.00	60.00	0.00	1	15.00	4.00	4.00	4.00	0.05	3.00	
	60.00	75.00	0.00	1	15.00	4.00	3.50	3.75	0.05	2.81	
	75.00	84.00	0.00	1	9.00	3.50	3.00	3.25	0.05	1.46	
	Cross Road										
	0.00	15.00	0.00	1	15.00	5.20	3.40	4.30	0.05	3.23	
	15.00	30.00	0.00	1	15.00	3.40	5.10	4.25	0.05	3.19	
	30.00	37.00	0.00	1	7.00	5.10	5.00	5.05	0.05	1.77	
	Cross Road										
	0.00	15.00	0.00	1	15.00	4.70	5.20	4.95	0.05	3.71	
	15.00	30.00	0.00	1	15.00	5.20	5.40	5.30	0.05	3.98	
	30.00	45.00	0.00	1	15.00	5.40	4.90	5.15	0.05	3.86	
	45.00	60.00	0.00	1	15.00	4.90	4.90	4.90	0.05	3.68	
	60.00	75.00	0.00	1	15.00	4.90	4.20	4.55	0.05	3.41	
	75.00	90.00	0.00	1	15.00	4.20	5.50	4.85	0.05	3.64	
	90.00	105.00	0.00	1	15.00	5.50	6.60	6.05	0.05	4.54	
	105.00	114.00	0.00	1	9.00	6.60	6.90	6.75	0.05	3.04	
	Kodigehalli Main Road										
	From SWD to Mutturaya Swamy Temple										
	Profile Correction										
				4	5.00			3.00	0.05	3.00	

260.02

CE & FC R.No. 1-14/11/2019

For SREENIVAS CONSTRUCTIONS

PARTNER

Consultant | Contractor | Assistant Engineer | Assistant Executive Engineer

Measurements recorded on:- 14/11/2019

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
				2	5.00			3.00	0.05	1.50	
				2	15.00			1.00	0.05	1.50	
				3	6.00			2.10	0.05	1.89	
				4	4.00			4.00	0.05	3.20	
				2	30.00			0.60	0.05	1.80	
				4	5.00			3.00	0.05	3.00	
				2	2.00			1.65	0.05	0.33	
				2	20.00			0.60	0.05	1.20	
				3	5.00			5.00	0.05	3.75	
				4	6.00			4.00	0.05	4.80	
									Total Qty	282.99	cum

Cl. 260.01

C & FC B. Nandikotkur 14/11/19

Consultant Contractor Assistant Engineer Assistant Executive Enginee

PARTNER

Measurements recorded on:- 06/09/2019 To 27/09/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
EIRL-1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision I.No 20.5 of S.R 2018-19										
	Badrappa Layout										
	1st Main Road										
	0.00	5.00		1	5.00	6.00	5.80	5.90	0.15	4.43	
	5.00	10.00		1	5.00	5.80	6.00	5.90	0.15	4.43	
	10.00	20.00		1	10.00	6.00	5.90	5.95	0.15	8.93	
	20.00	30.00		1	10.00	5.90	5.90	5.90	0.15	8.85	
	30.00	40.00		1	10.00	5.90	5.50	5.70	0.15	8.55	
	40.00	45.00		1	5.00	5.50	5.60	5.55	0.15	4.16	
	45.00	54.00		1	9.00	5.60	5.40	5.50	0.15	7.43	
	54.00	64.00		1	10.00	5.40	4.60	5.00	0.15	7.50	
	64.00	74.00		1	10.00	4.60	4.30	4.45	0.15	6.68	
	74.00	84.00		1	10.00	4.30	5.30	4.80	0.15	7.20	
	84.00	94.00		1	10.00	5.30	5.50	5.40	0.15	8.10	
	94.00	104.00		1	10.00	5.50	7.10	6.30	0.15	9.45	
	104.00	114.00		1	10.00	7.10	6.80	6.95	0.15	10.43	
	114.00	124.00		1	10.00	6.80	6.85	6.83	0.15	10.24	
	124.00	134.00		1	10.00	6.85	6.50	6.68	0.15	10.01	
	134.00	144.00		1	10.00	6.50	6.40	6.45	0.15	9.68	
	144.00	154.00		1	10.00	6.40	6.60	6.50	0.15	9.75	
	154.00	164.00		1	10.00	6.60	7.10	6.85	0.15	10.28	
	164.00	174.00		1	10.00	7.10	7.30	7.20	0.15	10.80	
	174.00	184.00		1	10.00	7.30	7.10	7.20	0.15	10.80	
	184.00	194.00		1	10.00	7.10	6.60	6.85	0.15	10.28	
	194.00	200.00		1	6.00	6.60	7.60	7.10	0.15	6.39	
	200.00	218.00		1	18.00	7.60	6.40	7.00	0.15	18.90	
	218.00	225.00		1	7.00	6.40	6.60	6.50	0.15	6.83	
	225.00	235.00		1	10.00	6.60	6.80	6.70	0.15	10.05	
	235.00	250.00		1	15.00	6.80	6.60	6.70	0.15	15.08	
	250.00	260.00		1	10.00	6.60	7.35	6.98	0.15	10.46	
	260.00	273.00		1	13.00	7.35	7.40	7.38	0.15	14.38	
	273.00	286.00		1	13.00	7.40	6.70	7.05	0.15	13.75	
	286.00	299.00		1	13.00	6.70	6.60	6.65	0.15	12.97	
	299.00	313.00		1	14.00	6.60	6.65	6.63	0.15	13.91	
	313.00	320.00		1	7.00	6.65	7.50	7.08	0.15	7.43	
	Kodigehalli Main Road										
	From Outer Ring Road to SWD										
	0.00	5.00		1	5.00	10.60	10.00	10.30	0.15	7.73	
	5.00	10.00		1	5.00	10.00	10.00	10.00	0.15	7.50	
	10.00	20.00		1	10.00	10.00	10.00	10.00	0.15	15.00	
	20.00	30.00		1	10.00	10.00	9.60	9.80	0.15	14.70	
	30.00	40.00		1	10.00	9.60	9.40	9.50	0.15	14.25	

C&FL V.Nandish 27/9/19

367.25

Consultant | Contractor | Assistant Engineer | Assistant Executive Engineer

SREENIVAS CONSTRUCTIONS PARTNER

Or 367.25

Measurements recorded on:-											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	40.00	50.00		1	10.00	9.40	9.50	9.45	0.15	14.18	
	50.00	60.00		1	10.00	9.50	9.10	9.30	0.15	13.95	
	60.00	70.00		1	10.00	9.10	8.90	9.00	0.15	13.50	
	70.00	80.00		1	10.00	8.90	9.40	9.15	0.15	13.73	
	80.00	90.00		1	10.00	9.40	10.40	9.90	0.15	14.85	
	90.00	100.00		1	10.00	10.40	7.10	8.75	0.15	13.13	
	100.00	110.00		1	10.00	7.10	7.40	7.25	0.15	10.88	
	110.00	120.00		1	10.00	7.40	7.60	7.50	0.15	11.25	
	120.00	130.00		1	10.00	7.60	7.70	7.65	0.15	11.48	
	130.00	140.00		1	10.00	7.70	8.50	8.10	0.15	12.15	
	140.00	150.00		1	10.00	8.50	8.90	8.70	0.15	13.05	
	150.00	160.00		1	10.00	8.90	9.30	9.10	0.15	13.65	
	160.00	170.00		1	10.00	9.30	9.30	9.30	0.15	13.95	
	170.00	180.00		1	10.00	9.30	8.90	9.10	0.15	13.65	
	180.00	190.00		1	10.00	8.90	9.30	9.10	0.15	13.65	
	190.00	200.00		1	10.00	9.30	10.20	9.75	0.15	14.63	
	200.00	210.00		1	10.00	10.20	9.20	9.70	0.15	14.55	
	210.00	220.00		1	10.00	9.20	8.30	8.75	0.15	13.13	
								Total Quantity		606.58	Cum

CE FC 27/11/19

Consultant

Contractor

SREENIVASA CONSTRUCTIONS

PARTNER

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE YELAHANKA ZONE

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :- 20/04/2019 To 23/04/2019

Description of Item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
Providing and casting of footpath slab (P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-17)											
Gangenalli Main Road											
From OHE to SWD											
0.00											
45.00	L/S	1	7.00				1.20	8.40			
111.20	L/S	1	9.20				1.20	11.04			
133.20	L/S	1	10.00				1.20	12.00			
153.20	L/S	1	10.00				1.20	12.00			
173.20	L/S	1	10.00				1.20	12.00			
195.00	L/S	1	3.80				1.20	4.56			
216.30	L/S	1	8.30				1.20	9.96			
250.00	L/S	1	6.70				1.20	8.04			
								68.00			
301.50	L/S	0	6.50				1.20	0.00	C/S Road		
316.50	L/S	1	15.00				1.20	18.00			
331.50	L/S	1	15.00				1.20	18.00			
346.50	L/S	1	15.00				1.20	18.00			
361.50	L/S	1	15.00				1.50	22.50			
376.50	L/S	1	15.00				1.50	22.50			
391.50	L/S	1	15.00				1.50	22.50			
200.00	L/S	1	8.50				1.50	12.75			
						Total Quantity		212.25			
						Quantity Limited to		210.00			
						Quantity Paid		210.00	Sqm	127.20	26712.00

Measurements Recorded on :- 25/05/2019

Description of Item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete using graded granite jelly 20mm and down size with steel reinforcement, including centering, shuttering, all charges, curing and concrete finished surfaces on both sides etc, complete as per drawing and the directions of Engineer in-charge. (Data Rate)											
Gangenalli Main Road											
From OHE to SWD											
0.00											
15.00	L/S	1	15.00			0.90		13.50			
30.00	L/S	1	15.00			0.90		13.50			
45.00	L/S	1	15.00			0.90		13.50			
60.00	L/S	1	15.00			0.90		13.50			
75.00	L/S	1	15.00			0.90		13.50			
85.00	L/S	1	10.00			0.90		9.00			
15.00	R/S	1	15.00			0.90		13.50			
30.00	R/S	1	15.00			0.90		13.50			
45.00	R/S	1	15.00			0.90		13.50			
60.00	R/S	1	15.00			0.90		13.50			
75.00	R/S	1	15.00			0.90		13.50			
90.00	R/S	1	15.00			0.90		13.50			
95.00	R/S	1	5.00			0.90		4.50			
Near Gate											
	LHS	1	5.00			1.20		6.00			
								168.00			

C&PC B.Nandan 29/2/2020

C.F.C B.Nandan 29/2/2020

Computed & Checked by: Sri Venkateshwara Constructions, Contractor

Partner

Assistant Engineer

Assistant Excecutive Engineer

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :- 25/04/2019 to 30/04/2019 to 17/05/2019

Description of item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
	RHS	1	6.00			1.20		7.20			
						Total Quantity		175.20	Sqm	1668.48	292318.00
KSRSB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 01-03							498.77			
	Quantity to be Paid							498.77	Cum	194.80	97160.00
KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)											
	Pre - Measurement Quantity Page no 04-05							51.10			
	Quantity to be Paid							51.10	Cum	5134.81	262373.00
Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, [illegible] of PW, P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 06-08							92.27			
	Quantity Limited to							91.40			
	Quantity to be Paid							91.40	Cum	10591.18	968034.00
KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.3 of PW, P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 9							3.55			
	Quantity to be Paid							3.55	Tonne	61673.68	219010.00
Measurements Recorded on :- 29/05/2019											
Removing and resetting of kerb stones(P.No.185, I.No.37.57 of PW,P&IWTD SR 2016-17)											
Kodigehalli Main Road											
LHS											
92.00	102.00	L/S	1	6.00			--	/0.45	13.00		
102.00	112.00	L/S	1	10.00			--	/0.45	22.00		
112.00	122.00	L/S	1	10.00			--	/0.45	22.00		
122.00	135.00	L/S	1	10.00			--	/0.45	22.00		
135.00	143.30	L/S	0	8.30			--	/0.45	0.00	Culvert	
143.30	153.30	L/S	1	10.00			--	/0.45	22.00		
153.30	163.30	L/S	1	10.00			--	/0.45	22.00		
163.30	170.00	L/S	1	6.70			--	/0.45	15.00		
RHS											
101.50	116.50	L/S	1	15.00			--	/0.45	33.00		
116.50	131.50	L/S	1	10.00			--	/0.45	22.00		
131.50	146.50	L/S	1	15.00			--	/0.45	33.00		
146.50	161.50	L/S	1	15.00			--	/0.45	33.00		
161.50	176.50	L/S	1	15.00			--	/0.45	33.00		

168.00

218942.00

292.00

For Sreenivas Constructions

Partner

Contractor

Assistant Engineer

Assistant Excecutive Engineer

CM- 299.00

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :-

Description of item		Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
176.50	191.50	L/S	1	15.00			--	/0.45	33.00			
191.50	207.00	L/S	1	15.50			--	/0.45	34.00			
							Total Quantity		**359.00**	**Nos**	**63.09**	**22649.00**

C&FC JC Nambur 29/2/2020

Measurements Recorded on :- 29/05/2019

Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)

Kodigehalli Main Road												
LHS												
0.00	15.00	L/S	1	15.00			--	/0.45	33.00			
15.00	30.00	L/S	1	15.00			--	/0.45	33.00			
30.00	42.00	L/S	1	12.00			--	/0.45	27.00			
42.00	48.50	L/S	1	6.50			--	/0.45	14.00			
48.50	54.50	L/S	0	6.00			--	/0.45	0.00	Culvert		
54.50	64.50	L/S	1	10.00			--	/0.45	22.00			
64.50	74.50	L/S	1	10.00			--	/0.45	22.00			
74.50	85.00	L/S	1	10.50			--	/0.45	23.00			
RHS												
0.00	15.00	L/S	1	15.00			--	/0.45	33.00			
15.00	30.00	L/S	1	15.00			--	/0.45	33.00			
30.00	45.00	L/S	1	15.00			--	/0.45	33.00			
45.00	60.00	L/S	1	15.00			--	/0.45	33.00			
60.00	75.00	L/S	1	15.00			--	/0.45	33.00			
75.00	90.00	L/S	1	15.00			--	/0.45	33.00			
90.00	95.00	L/S	1	5.00			--	/0.45	11.00			
95.00	101.50	L/S	0	6.50			--	/0.45	0.00	Cross Road		
							Total Quantity		**383.00**	**Nos**	**318.51**	**121989.00**

C&FC JC Nambur 29/02/2020

Measurements Recorded on :- 28/02/2020

KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)

Kodigehalli Main Road												
LHS												
0.00	15.00	L/S	1	15.00			--	0.35	43.00			
15.00	30.00	L/S	1	15.00			--	0.35	43.00			
30.00	42.00	L/S	1	12.00			--	0.35	34.00			
42.00	48.50	L/S	1	6.50			--	0.35	19.00			
48.50	54.50	L/S	0	6.00			--	0.35	0.00	Culvert		
54.50	64.50	L/S	1	10.00			--	0.35	29.00			
64.50	74.50	L/S	1	10.00			--	0.35	29.00			
74.50	85.00	L/S	1	10.50			--	0.35	30.00			
RHS												
0.00	15.00	L/S	1	15.00			--	0.35	43.00			
15.00	30.00	L/S	1	15.00			--	0.35	43.00			
30.00	45.00	L/S	1	15.00			--	0.35	43.00			
45.00	60.00	L/S	1	15.00			--	0.35	43.00			
60.00	75.00	L/S	1	15.00			--	0.35	43.00			
75.00	90.00	L/S	1	15.00			--	0.35	43.00			
90.00	95.00	L/S	1	5.00			--	0.35	14.00			

C&FC JC Nambur 29/08/2020

299.00

M/s Sreenivas Constructions

Partner

Contractor

Assistant Engineer

Assistant Excecutive Engineer

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :- 28/02/2020

Nos	Description of item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
95.00	101.50	L/S	0	6.50			--	0.35	0.00	Cross Road		
								Total Quantity	499.00			
								Quantity Limited to	385.00	Sqm	61.06	23508.00
10	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)											
	Pre - Measurement Quantity Page no 10-12								1121.96			
	Quantity to be Paid											
								Quantity Up to 125%	399.00	Cum	158.17	63110.00
								Quantity Above 125%	722.96	Cum	158.17	114351.00
11	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory miller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 13-15								1032.21			
	Quantity to be Paid											
								Quantity Up to 125%	399.00	Cum	1697.36	677247.00
								Quantity Above 125%	633.21	Cum	1697.36	1074778.00
12	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 16-17								4043.85			
	Quantity to be Paid											
								Quantity Up to 125%	1596.00	Sqm	26.46	42230.00
								Quantity Above 125%	2447.85	Sqm	26.46	64770.00
13	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)											
	Pre - Measurement Quantity Page no 18								1616.00			
	Quantity to be Paid								1616.00	Sqm	3.05	4929.00
14	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)											
	Pre - Measurement Quantity Page no 19-23								11319.70			
	Quantity to be Paid								11319.70	Sqm	12.21	138214.00

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :-

Sl No	Description of item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
15	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.162 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)											
	Pre - Measurement Quantity Page no 24-26								282.99			
	Quantity to be Paid								**282.99**	**Cum**	**6835.22**	**1934316.00**

Measurements Recorded on :- 2/12/2019

16	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)											
	For Laying BC											
	Badrappa Layout											
	1st Main Road											
	0.00	5.00		1	5.00	6.00	5.80	5.90	0.04	1.18		
	5.00	10.00		1	5.00	5.80	6.00	5.90	0.04	1.18		
	10.00	20.00		1	10.00	6.00	5.90	5.95	0.04	2.38		
	20.00	30.00		1	10.00	5.90	5.90	5.90	0.04	2.36		
	30.00	40.00		1	10.00	5.90	5.50	5.70	0.04	2.28		
	40.00	45.00		1	5.00	5.50	5.60	5.55	0.04	1.11		
	45.00	54.00		1	9.00	5.60	5.40	5.50	0.04	1.98		
	54.00	64.00		1	10.00	5.40	4.60	5.00	0.04	2.00		
	64.00	74.00		1	10.00	4.60	4.30	4.45	0.04	1.78		
	74.00	84.00		1	10.00	4.30	5.30	4.80	0.04	1.92		
	84.00	94.00		1	10.00	5.30	5.50	5.40	0.04	2.16		
	94.00	104.00		1	10.00	5.50	7.10	6.30	0.04	2.52		
	104.00	114.00		1	10.00	7.10	6.80	6.95	0.04	2.78		
	114.00	124.00		1	10.00	6.80	6.85	6.83	0.04	2.73		
	124.00	134.00		1	10.00	6.85	6.50	6.68	0.04	2.67		
	134.00	144.00		1	10.00	6.50	6.40	6.45	0.04	2.58		
	144.00	154.00		1	10.00	6.40	6.60	6.50	0.04	2.60		
	154.00	164.00		1	10.00	6.60	7.10	6.85	0.04	2.74		
	164.00	174.00		1	10.00	7.10	7.30	7.20	0.04	2.88		
	174.00	184.00		1	10.00	7.30	7.10	7.20	0.04	2.88		
	184.00	194.00		1	10.00	7.10	6.60	6.85	0.04	2.74		
	194.00	200.00		1	6.00	6.60	7.60	7.10	0.04	1.70		
	200.00	218.00		1	18.00	7.60	6.40	7.00	0.04	5.04		
	218.00	225.00		1	7.00	6.40	6.60	6.50	0.04	1.82		
	225.00	235.00		1	10.00	6.60	6.80	6.70	0.04	2.68		
	235.00	250.00		1	15.00	6.80	6.60	6.70	0.04	4.02		
	250.00	260.00		1	10.00	6.60	7.35	6.98	0.04	2.79		
	260.00	273.00		1	13.00	7.35	7.40	7.38	0.04	3.84		
	273.00	286.00		1	13.00	7.40	6.70	7.05	0.04	3.67		
	286.00	299.00		1	13.00	6.70	6.60	6.65	0.04	3.46		
	299.00	313.00		1	14.00	6.60	6.65	6.63	0.04	3.71		
	313.00	320.00		1	7.00	6.65	7.50	7.08	0.04	1.98		
	Kodigehalli Main Road											

Consultant

Contractor

For Sreenivas Constructions

Partner

Assistant Engineer

Assistant Excecutive Engineer

CR-82-15

Name of Work: **Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08**

Measurements Recorded on :- 8/12/2019

Sl No	Description of item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
	From Outer Ring Road to SWD											
	0.00 5.00		1	5.00	10.60	10.00	10.30	0.04	2.06			
	5.00 10.00		1	5.00	10.00	10.00	10.00	0.04	2.00			
	10.00 20.00		1	10.00	10.00	10.00	10.00	0.04	4.00			
	20.00 30.00		1	10.00	10.00	9.60	9.80	0.04	3.92			
	30.00 40.00		1	10.00	9.60	9.40	9.50	0.04	3.80			
	40.00 50.00		1	10.00	9.40	9.50	9.45	0.04	3.78			
	50.00 60.00		1	10.00	9.50	9.10	9.30	0.04	3.72			
	60.00 70.00		1	10.00	9.10	8.90	9.00	0.04	3.60			
	70.00 80.00		1	10.00	8.90	9.40	9.15	0.04	3.66			
	80.00 90.00		1	10.00	9.40	10.40	9.90	0.04	3.96			
	90.00 100.00		1	10.00	10.40	7.10	8.75	0.04	3.50			
	100.00 110.00		1	10.00	7.10	7.40	7.25	0.04	2.90			
	110.00 120.00		1	10.00	7.40	7.60	7.50	0.04	3.00			
	120.00 130.00		1	10.00	7.60	7.70	7.65	0.04	3.06			
	130.00 140.00		1	10.00	7.70	8.50	8.10	0.04	3.24			
	140.00 150.00		1	10.00	8.50	8.90	8.70	0.04	3.48			
	150.00 160.00		1	10.00	8.90	9.30	9.10	0.04	3.64			
	160.00 170.00		1	10.00	9.30	9.30	9.30	0.04	3.72			
	170.00 180.00		1	10.00	9.30	8.90	9.10	0.04	3.64			
	180.00 190.00		1	10.00	8.90	9.30	9.10	0.04	3.64			
	190.00 200.00		1	10.00	9.30	10.20	9.75	0.04	3.90			
	200.00 210.00		1	10.00	10.20	9.20	9.70	0.04	3.88			
	210.00 220.00		1	10.00	9.20	8.30	8.75	0.04	3.50			
	Cross Road											
	0.00 15.00		1	15.00	4.60	4.40	4.50	0.04	2.70			
	15.00 30.00		1	15.00	4.40	4.00	4.20	0.04	2.52			
	30.00 45.00		1	15.00	4.00	4.00	4.00	0.04	2.40			
	45.00 60.00		1	15.00	4.00	4.00	4.00	0.04	2.40			
	60.00 75.00		1	15.00	4.00	3.50	3.75	0.04	2.25			
	75.00 84.00		1	9.00	3.50	3.00	3.25	0.04	1.17			
	Cross Road											
	0.00 15.00		1	15.00	5.20	3.40	4.30	0.04	2.58			
	15.00 30.00		1	15.00	3.40	5.10	4.25	0.04	2.55			
	30.00 37.00		1	7.00	5.10	5.00	5.05	0.04	1.41			
	Cross Road											
	0.00 15.00		1	15.00	4.70	5.20	4.95	0.04	2.97			
	15.00 30.00		1	15.00	5.20	5.40	5.30	0.04	3.18			
	30.00 45.00		1	15.00	5.40	4.90	5.15	0.04	3.09			
	45.00 60.00		1	15.00	4.90	4.90	4.90	0.04	2.94			
	60.00 75.00		1	15.00	4.90	4.20	4.55	0.04	2.73			
	75.00 90.00		1	15.00	4.20	5.50	4.85	0.04	2.91			
	90.00 105.00		1	15.00	5.50	6.60	6.05	0.04	3.63			
	105.00 114.00		1	9.00	6.60	6.90	6.75	0.04	2.43			
	Kodigehalli Main Road											
	From SWD to Mutturaya Swamy Temple											
	Profile Correction											
			4	5.00			3.00	0.04	2.40			
			2	5.00			3.00	0.04	1.20			
			2	15.00			1.00	0.04	1.20			
			3	6.00			2.10	0.04	1.51			
			4	4.00			4.00	0.04	2.56			

Consultant

Contractor

Assistant Engineer

Assistant Excecutive Engineer

Partner

Name of Work: Improvement to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No.08

Measurements Recorded on :-

Sl No	Description of item	Sides	No	L	B1	B2	Avg Width	D	Qty	Unit	Rate	Amount
			2	30.00			0.60	0.04	1.44			
			4	5.00			3.00	0.04	2.40			
			2	2.00			1.65	0.04	0.26			
			2	20.00			0.60	0.04	0.96			
			3	5.00			5.00	0.04	3.00			
			4	6.00			4.00	0.04	3.84			
							Total Quantity		**226.39**	**Cum**	**7793.80**	**1764470.00**

Measurements Recorded on :- 28/02/2020

17	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)											
	1st Main Road		**Sqm**									
	Edge Line		2	320.00			0.10	--	64.00			
	Center Line		1	320.00			0.10	--	16.00			
	Kodigehalli Main Road											
	Edge Line		2	220.00			0.15	--	66.00			
	Center Line		1	220.00			0.15	--	16.50			
							Total Quantity		**162.50**	**Sqm**	**521.01**	**84664.00**
EIRL-1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to											
	Pre - Measurement Quantity Page no 27-28								606.58			
	Quantity to be Paid								**606.58**	**Cum**	**2144.94**	**1301071.00**

Measurements Recorded on :- 28/02/2020

EIRL-2	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer. Item No 24.41. SR No 2018-2019											
	70.00											
	Edge Line	2	74					--	148.00			
	Center Line	1	140					--	140.00			
							Total Quantity		**288.00**	**Nos**	**384.08**	**110616.00**
											Grand Total	**9408519.00**

For Sreenivas Constructions

Partner

Consultant | Contractor | Assistant Engineer | Assistant Excecutive Engineer